	Application No.	Applicant(s)
Notice of Allowability	09/766,424	SHAFFER ET AL.
	Examiner	Art Unit
	Rasha S. AL-Aubaidi	2642

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to *telephonic interview on 08/19/2005* .

2. ☒ The allowed claim(s) is/are *2-7, 9, 11-16, 18-20, 22-27, 29, 31-36, 38, and 40, which have been renumbered as 1-31* .

3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a) ☐ All   b) ☐ Some*   c) ☐ None of the:

       1. ☐ Certified copies of the priority documents have been received.

       2. ☐ Certified copies of the priority documents have been received in Application No. _____ .

       3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

    * Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.

    (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached

       1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.

    (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

    Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)

2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)

3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____

4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material

5. ☐ Notice of Informal Patent Application (PTO-152)

6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____ .

7. ☒ Examiner's Amendment/Comment

8. ☐ Examiner's Statement of Reasons for Allowance

9. ☐ Other _____.

EXAMINER'S AMENDMENT

1. In the claims

The claims have been amended as follows:

    1.   (Canceled)

    2.   (Currently Amended) ~~The method of Claim 1,~~ A method for allocating a plurality of call resources during a conference call, comprising:

    conducting a conference call between three or more clients using a first call resource;

    identifying a second call resource available to conduct the conference call;

    transferring the conference call from the first call resource to the second call resource without suspending communication of a plurality of mixed media streams received by the clients; and

    wherein transferring comprises:

    generating a first mixed media stream at the first call resource and a second mixed media stream at the second call resource;

    modifying synchronization information in the second mixed media stream to match synchronization information in the first mixed media stream;

    terminating the first mixed media stream to end communication with the first call resource upon confirming that the modified second mixed media stream is valid; and

    communicating the modified second mixed media stream to the clients.

    3.   (Original) The method of Claim 2, further comprising introducing a delay in a selected one of the first mixed media stream and the second mixed media stream to synchronize the first mixed media stream and the second mixed media stream.

4.   (Original) The method of Claim 2, wherein modifying synchronization information comprises:

instructing the second call resource to adjust synchronization information in the second mixed media stream; and

receiving the second mixed media stream with the adjusted synchronization information.

5.   (Original) The method of Claim 2, wherein synchronization information comprises at least a selected one of a timestamp and a sequence number.

6.   (Original) The method of Claim 2, wherein:

the first mixed media stream comprises a first sequence of real-time transport protocol (RTP) packets;

the second mixed media stream comprises a second sequence of RTP packets; and

the modified second mixed media stream is valid when the second sequence of RTP packets matches the first sequence of RTP packets.

7.   (Currently Amended) The method of ~~Claim 1~~ Claim 2, wherein the clients are unaware of the transfer of the conference call from the first call resource to the second call resource.

8.   (Canceled)

9.   (Currently Amended) ~~The method of Claim 8,~~ A method for allocating a plurality of call resources during a conference call, comprising:

conducting a conference call between three or more clients using a first call resource;

identifying a second call resource available to conduct the conference call;

transferring the conference call from the first call resource to the second call resource without suspending communication of a plurality of mixed media streams received by the clients; and

wherein conducting the conference call comprises:

communicating, to the first call resource, a first media stream generated by one of the clients participating in the conference call; and

communicating, to the one of the clients, a first mixed media stream received from the first call resource;

transferring the conference call comprises:

duplicating the first media stream to create a second media stream;

communicating the second media stream to the second call resource;

receiving a second mixed media stream from the second call resource;

terminating the first mixed media stream to end communication with the first call resource upon confirming that a modified second mixed media stream is valid;

communicating the modified second mixed media stream to the one of the clients; and

further comprising:

instructing the second call resource to adjust synchronization information in the second mixed media stream; and

receiving the second mixed media stream with the adjusted synchronization information.

10.   (Canceled)

11.   (Currently Amended) ~~The communication system of Claim 10, wherein:~~ A communication system, comprising:

_____ three or more clients operable to couple to a packet-based network, the clients further operable to initiate or join a conference call;

_____ a first call resource operable to couple to the packet-based network;

_____ a second call resource operable to couple to the packet-based network at a different physical location than the first call resource;

_____ a media gateway operable to couple to the packet-based network, the media gateway further operable to transfer the conference call from the first call resource to the second call resource without suspending communication of a plurality of mixed media streams received by the clients; and

_____ wherein:

the first call resource is further operable to generate a first mixed media stream;

the second call resource is further operable to generate a second mixed media stream;

the media gateway is further operable to:

modify synchronization information in the second mixed media stream to match synchronization information in the first mixed media stream;

terminate the first mixed media stream to end communication with the first call resource upon confirming that the modified second mixed media stream is valid; and

communicate the modified second mixed media stream to the clients.

12.   (Original) The communication system of Claim 11, wherein the media gateway is further operable to introduce a delay in a selected one of the first mixed media stream and the second mixed media stream to synchronize the first mixed media stream and the second mixed media stream.

13.   (Original) The communication system of Claim 11, wherein the media gateway modifies synchronization information by:

instructing the second call resource to adjust synchronization information in the second mixed media stream; and

receiving the second mixed media stream with the adjusted synchronization information.

14.   (Original) The communication system of Claim 11, wherein the synchronization information comprises at least a selected one of a timestamp and a sequence number.

15.   (Original) The communication system of Claim 11, wherein

the first mixed media stream comprises a first sequence of real-time transport protocol (RTP) packets;

the second mixed media stream comprises a second sequence of RTP packets; and

the modified second mixed media stream is valid when the second sequence of RTP packets matches the first sequence of RTP packets.

16.   (Currently Amended) The communication system of Claim 10 Claim 11, wherein the clients are unaware of the transfer of the conference call from the first call resource to the second call resource.

17.   (Canceled)

18.   (Currently Amended) ~~The communication system of Claim 17,~~ A communication system, comprising:

_____ three or more clients operable to couple to a packet-based network, the clients further operable to initiate or join a conference call;

_____ a first call resource operable to couple to the packet-based network;

_____ a second call resource operable to couple to the packet-based network at a different physical location than the first call resource;

_____ a media gateway operable to couple to the packet-based network, the media gateway further operable to transfer the conference call from the first call resource to the second call resource without suspending communication of a plurality of mixed media streams received by the clients;

_____ wherein one of the clients participating in the conference call is operable to communicate a first media stream to the first call resource;

_____ wherein the first call resource is further operable to communicate a first mixed media stream to the one of the clients; and

_____ the media gateway is further operable to:

_____ duplicate the first media stream to create a second media stream;

_____ communicate the second media stream to the second call resource;

_____ receive a second mixed media stream from the second call resource;

_____ terminate the first mixed media stream to end communication with the first call resource upon confirming that a modified second mixed media stream is valid;

_____ communicate the modified second mixed media stream to the one of the clients;

~~wherein the media gateway is further operable to:~~

instruct the second call resource to adjust synchronization information in the second mixed media stream; and

receive the second mixed media stream with the adjusted synchronization information.

19.   (Currently Amended) The communication system of ~~Claim 10~~ Claim 11,
wherein the plurality of clients are selected from a group consisting essentially of a
conventional telephone coupled to the packet-based network via a gateway, a wireless
phone coupled to the packet-based network via the gateway, an Internet Protocol (IP)
phone or a computer including a voice teleconferencing application.

20.   (Currently Amended) The communication system of ~~Claim 10~~ Claim 11,
wherein the packet-based network comprises an Internet Protocol (IP) network.

21.   (Canceled)

22.   (Currently Amended) ~~The media gateway of Claim 21,~~ A media gateway,
comprising:

        an interface operable to couple to a communication network, the interface further
operable to receive media streams communicated by three or more clients participating
in a conference call;

        a processing module coupled to the interface, the processing module operable to
transfer the conference call from a first call resource to a second call resource without
suspending communication of a plurality of mixed media streams received by the
clients; and

        wherein the processing module is further operable to:

                receive a first mixed media stream generated by the first call resource and
a second mixed media stream generated by the second call resource;

                modify synchronization information in the second mixed media stream to
match synchronization information in the first mixed media stream;

                terminate the first mixed media stream to end communication with the first
call resource upon confirming that the modified second mixed media stream is valid;
and

                communicate the modified second mixed media stream to the clients.

23.   (Original) The media gateway of Claim 22, wherein the processing module is further operable to introduce a delay in a selected one of the first mixed media stream and the second mixed media stream to synchronize the first mixed media stream and the second mixed media stream.

24.   (Original) The media gateway of Claim 22, wherein the processing module modifies synchronization information by:

instructing the second call resource to adjust synchronization information in the second mixed media stream; and

receiving the second mixed media stream with the adjusted synchronization information.

25.   (Original) The media gateway of Claim 22, wherein the synchronization information comprises at least a selected one of a timestamp and a sequence number.

26.   (Original) The media gateway of Claim 22, wherein:

the first mixed media stream comprises a first sequence of real-time transport protocol (RTP) packets;

the second mixed media stream comprises a second sequence of RTP packets; and

the modified second mixed media stream is valid when the second sequence of RTP packets matches the first sequence of RTP packets.

27.   (Currently Amended ed) The media gateway of ~~Claim 21~~ Claim 22, wherein the clients are unaware of the transfer of the conference call from the first call resource to the second call resource.

28.   (Canceled)

29.   (Currently Amended) ~~The media gateway of Claim 28,~~ A media gateway, comprising:

an interface operable to couple to a communication network, the interface further operable to receive media streams communicated by three or more clients participating in a conference call;

a processing module coupled to the interface, the processing module operable to transfer the conference call from a first call resource to a second call resource without suspending communication of a plurality of mixed media streams received by the clients; and

wherein the processing module is further operable to:

communicate a first media stream generated by one of the clients participating in the conference call to the first call resource;

communicate a first mixed media stream received from the first call resource to the one of the clients;

duplicate the first media stream to create a second media stream;

communicate the second media stream to the second call resource;

receive a second mixed media stream from the second call resource;

terminate the first mixed media stream to end communication with the first call resource upon confirming that a modified second mixed media stream is valid;

communicate the modified second mixed media stream to the one of the clients;

~~wherein the processing module is further operable to:~~

instruct the second call resource to adjust synchronization information in the second mixed media stream; and

receive the second mixed media stream with the adjusted synchronization information.

30.   (Canceled)

31.   (Currently Amended) ~~The logic encoded in media of Claim 30,~~ Logic encoded in media for allocating a plurality of call resources during a conference call and operable to perform the following steps:

conducting a conference call between three or more clients using a first call resource;

identifying a second call resource available to conduct the conference call;

transferring the conference call from the first call resource to the second call resource without suspending communication of a plurality of mixed media streams received by the clients; and

wherein transferring comprises:

generating a first mixed media stream at the first call resource and a second mixed media stream at the second call resource;

modifying synchronization information in the second mixed media stream to match synchronization information in the first mixed media stream;

terminating the first mixed media stream to end communication with the first call resource upon confirming that the modified second mixed media stream is valid; and

communicating the modified second mixed media stream to the clients.

32.   (Original) The logic encoded in media of Claim 31, further comprising introducing a delay in a selected one of the first mixed media stream and the second mixed media stream to synchronize the first mixed media stream and the second mixed media stream.

33.   (Original) The logic encoded in media of Claim 31, wherein modifying synchronization information comprises:

instructing the second call resource to adjust synchronization information in the second mixed media stream; and

receiving the second mixed media stream with the adjusted synchronization information.

34.   (Original) The logic encoded in media of Claim 31, wherein synchronization information comprises at least a selected one of a timestamp and a sequence number.

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35.   (Original) The logic encoded in media of Claim 31, wherein:

the first mixed media stream comprises a first sequence of real-time transport protocol (RTP) packets;

the second mixed media stream comprises a second sequence of RTP packets; and

the modified second mixed media stream is valid when the second sequence of RTP packets matches the first sequence of RTP packets.

36.   (Currently Amended) The logic encoded in media of ~~Claim 30~~ Claim 31, wherein the clients are unaware of the transfer of the conference call from the first call resource to the second call resource.

37.   (Canceled)

38.   (Currently Amended) ~~The logic encoded in media of Claim 37,~~ Logic encoded in media for allocating a plurality of call resources during a conference call and operable to perform the following steps:

       conducting a conference call between three or more clients using a first call resource;

       identifying a second call resource available to conduct the conference call;

       transferring the conference call from the first call resource to the second call resource without suspending communication of a plurality of mixed media streams received by the clients;

       wherein conducting the conference call comprises:

communicating, to the first call resource, a first media stream generated by one of the clients participating in the conference call; and

communicating, to the one of the clients, a first mixed media stream received from the first call resource; and

wherein transferring the conference call comprises:

duplicating the first media stream to create a second media stream;

communicating the second media stream to the second call resource;

receiving a second mixed media stream from the second call resource;

terminating the first mixed media stream to end communication with the first call resource upon confirming that a modified second mixed media stream is valid;

communicating the modified second mixed media stream to the clients; further comprising:

instructing the second call resource to adjust synchronization information in the second mixed media stream; and

receiving the second mixed media stream with the adjusted synchronization information.

39.   (Canceled)

40.   (Currently Amended) The apparatus of Claim 39, An apparatus for allocating a plurality of call resources during a conference call, comprising:

means for conducting a conference call between three or more clients using a first call resource;

means for identifying a second call resource available to conduct the conference call;

means for transferring the conference call from the first call resource to the second call resource without suspending communication of a plurality of mixed media streams received by the clients; further comprising:

means for generating a first mixed media stream at the first call resource and a second mixed media stream at the second call resource;

means for modifying synchronization information in the second mixed media stream to match synchronization information in the first mixed media stream;

means for terminating the first mixed media stream to end communication with the first call resource upon confirming that the modified second mixed media stream is valid; and

means for communicating the modified second mixed media stream to the clients.

Conclusion

2.   **Fees**

Applicant has authorized the Commissioner of the Patent and Trademark Office to charge any additional required fees to Deposit Account No. 02-0384 of Baker Botts L.L.P.

3.   Any inquiry concerning this communication or earlier communications from the examiner should be directed to Rasha S. AL-Aubaidi whose telephone number is 571-272-7481. The examiner can normally be reached on M-F 9:00 AM - 6:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ahmad F. Matar can be reached on 571-272-7488. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the

Patent Application Information Retrieval (PAIR) system. Status information for

published applications may be obtained from either Private PAIR or Public PAIR.

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you have questions on access to the Private PAIR system, contact the Electronic

Business Center (EBC) at 866-217-9197 (toll-free).

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